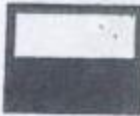



























HAIL SIZE CRITERIA (non-severe hail in *italics*)

<u>Description</u>	<u>Diameter (inches)</u>	<u>Description</u>	<u>Diameter (inches)</u>
Pea	.25	Golfball	1.75
Marble	.50	Hen Egg/Lemon	2.00
Dime/Penny	.75	Tennis Ball	2.50
Nickle	.88	Baseball	2.75
Quarter	1.00	Tea Cup	3.00
Half Dollar	1.25	Grapefruit	4.00
Walnut/Silver Dollar	1.50	Softball	4.50
	AWESOME	> 4.50	

Different ways of measuring wind

Beaufort number	Wind speed (mph)	Seaman's term	Effects at sea	Effects on land
0	Under 1	Calm	 Sea like mirror.	 Calm; smoke rises vertically.
1	1-3	Light air	 Ripples with appearance of "fish scales"; no foam crests.	 Smoke drift indicates wind direction; vanes do not move.
2	4-7	Light breeze	 Small wavelets; crests of glassy appearance not breaking.	 Wind felt on face; leaves rustle; vanes begin to move.
3	8-12	Gentle breeze	 Large wavelets; crests begin to break; scattered whitecaps.	 Leaves, small twigs in constant motion; light flags extended.
4	13-18	Moderate breeze	 Small waves; becoming longer; numerous whitecaps.	 Dust, leaves and loose paper raised up; small branches move.
5	19-24	Fresh breeze	 Moderate waves; becoming longer; many whitecaps; some spray.	 Small trees in leaf begin to sway.
6	25-31	Strong breeze	 Larger waves forming; whitecaps everywhere; more spray.	 Large branches of trees in motion; whistling heard in wires.
7	32-38	Moderate gale	 Sea heaps up; white foam from breaking waves begins to be blown in streaks.	 Whole trees in motion; resistance felt in walking against wind.
8	39-46	Fresh gale	 Moderately high waves of greater length; foam is blown in well-marked streaks.	 Twigs and small branches broken off trees.
9	47-54	Strong gale	 High waves, sea begins to roll; dense streaks of foam; spray may reduce visibility.	 Slight structural damage occurs; slate blown from roofs.
10	55-63	Whole gale	 Very high waves with overhanging crests; sea takes white appearance; visibility reduced.	 Seldom experienced on land; trees broken; structural damage occurs.
11	64-72	Storm	 Exceptionally high waves; sea covered with white foam patches.	 Very rarely experienced on land; usually with widespread damage.
12	73 or higher	Hurricane force	 Air filled with foam; sea completely white with driving spray; visibility greatly reduced.	 Violence and destruction.



National Weather Service
Forecast Office - Wakefield, VA

<http://weather.gov/akq>



Severe Weather Reporting Criteria

Thunderstorms and Hurricanes

Lightning - Deaths, Injuries, Damage

Hail - Pea Size or Larger

Winds - 50 mph or higher

- Trees, Branches, Power Lines Down
- Any Structural Damage

Tornadoes and Funnel Clouds

Waterspouts

Flooding - Ditches, Streets, Streams & Rivers.
ALSO, Coastal Flooding from High Tides



Winter Weather

Snow - Depth of 2" or more, or falling at a rate of 1" per hour or more

Icing - Any Ice Accumulation on Roads, Trees, etc.



Providing a Report

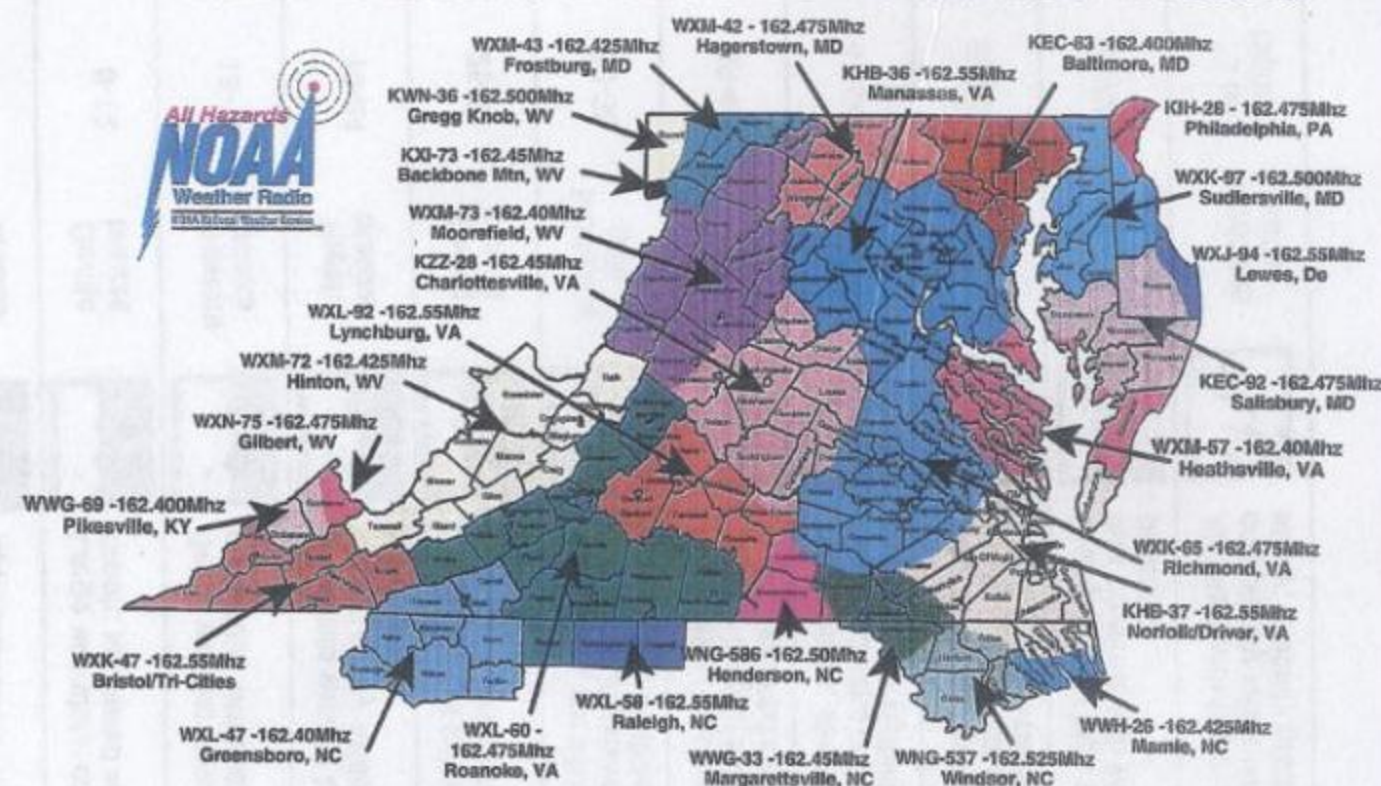
By Phone - 800-737-8624 (severe weather only!)

By Fax - 757-899-5107

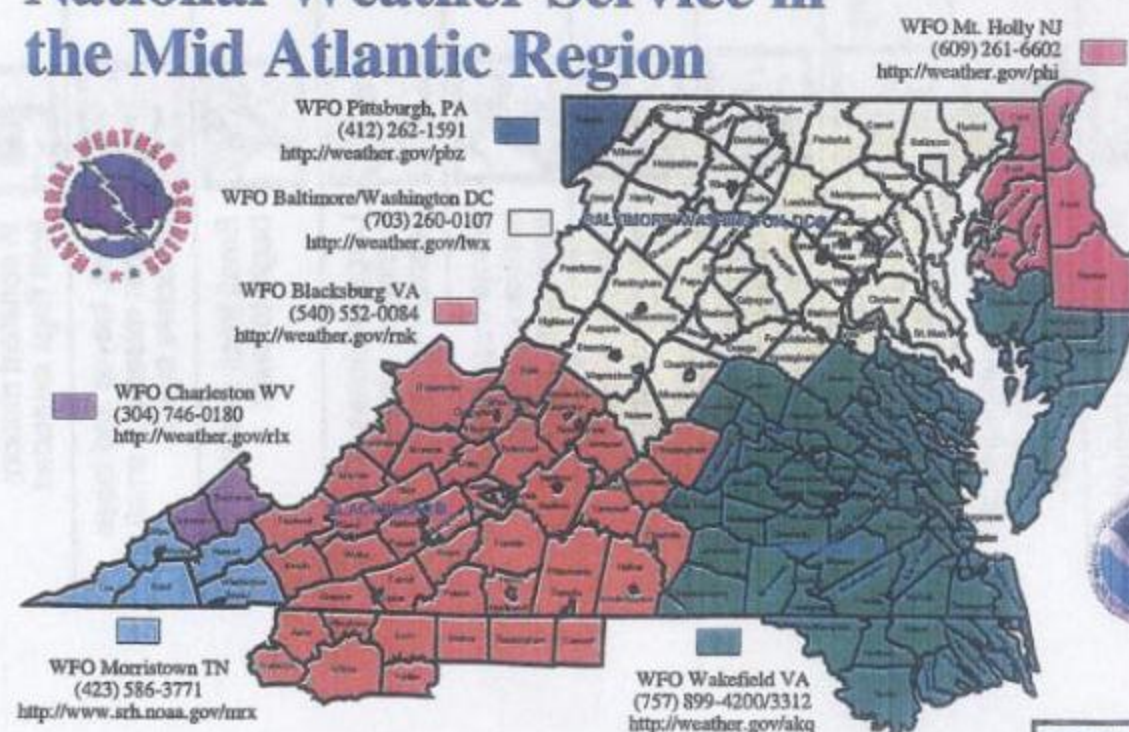
By E-Mail - akq-report@noaa.gov

For the latest forecast: dial 757-899-4200, listen to NOAA Weather Radio, or on the Web, weather.gov/akq

Mid-Atlantic NOAA Weather Radio



National Weather Service in the Mid Atlantic Region



LEGEND
• WPOS